Character Figures for dark H α-Flocculi.

The character figures are assigned on a scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity, 0 representing absence or rarity, 5 extreme abundance and intensity of the flocculi. As central zone a circular surface of a semi-diameter of the sun's disc has been taken.

Whole Sun Disc

1937

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
January																																
Arcetri/Firenze								3			2.5	3	3	2.5						4												3.0
Evershed/Ewhurst					3		3	3		3						3			4.5	4.5							2					3.3
Kodaikanal		4	4	4	3	3	3	3	4	3	3				3	3	4	4	4	4	4	4	4	4	4	3	2	3	4	4	4	3.6
Meudon/Paris					3		2.5	2.5	3	3	3						4			4	4		4			3	3					3.3
Mount Wilson				2						3	3				3		3	4			4	4	4		3	3						3.3
Tashkent (Sp.-heliosc.)										3.5		3				3																—
Zurich „						3			3.5	3	3	2.5										4	4	4		3				4		3.4
Mean		4	4	3	3	3	2.8	2.9	3.5	3.1	2.9	2.8	3	2.5	3	3	3.7	4	4.2	4.1	4	4	4	4	3.5	3	2.3	3	4	4	4	3.4
February																																
Arcetri/Firenze			4													4.5				4.5			2.5	2.5								3.6
Evershed/Ewhurst	5					1				3		3.5								5	4.5		3									3.6
Kodaikanal	4	4	3	4	2	1	1	1	3	4	4	4	4	5	5	4	5	5	5	5	4	4	4	4	4		3	3				3.7
Meudon/Paris	3.5		3.5			2.5			2			4.5					4				3.5		3.5					3				3.3
Mount Wilson	4		4	3			2	2	3							3	4	4	3	4	4	3	3	3		2	2	3				3.1
Tashkent (Sp.-heliosc.)					2				3.5	3.5						4.5	5						3									3.6
Zurich „				3				2						4			4									3	3					3.2
Mean	4.1	4	3.6	3.3	2	1.5	1.5	1.7	2.9	3.5	4	4	4	4.5	5	4	4.4	4.5	4	4.6	4	3.5	3.2	3.2	4	2.5	2.7	3				3.5
March																																
Arcetri/Firenze																																—
Evershed/Ewhurst										2.5		2.5			3									3.5	4	4	4	4				3.4
Kodaikanal	3	4	5	5	5		3	4	4	4	4	2	4	4		4	3	4	4	4	3	3	2	4	4	4	4	4	4	3	3	3.7
Meudon/Paris		3.5	3.5			2				3			2.5		3	3	3.5	3.5	3	3	3					4	3.5	3.5	3.5	3	3	3.2
Mount Wilson	3	4	4	4	3		3	3	3	3									4	4	4		4					5	4	4	4	3.7
Tashkent (Sp.-heliosc.)	2.5								2.5	3			3.5	3.5		3	4	4	3.5	3												3.3
Zurich „		3.5			3	3	3	3	3							3							2.5				3.5	3.5	3.5			3.1
Mean	2.8	3.8	4.2	4.5	3.7	2.5	3	3.3	3.1	3.1	4	2.2	3.3	3.8	3	3.2	3.5	3.8	3.6	3.5	3.3	3	2.8	3.8	4	4	3.8	4	3.8	3.3	3.3	3.5

Central Zone

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
January																																
Arcetri/Firenze								2			2	2.5	1.5	0.5						3.5												2.0
Evershed/Ewhurst					3		1	1		2						2			2	2							1					1.8
Kodaikanal		2	2	3	2	1	2	1	4	3	2				1	1	1	2	3	1	1	1	2	2	1	0	0	2	2	2	1	1.7
Meudon/Paris					2		0.5	1.5	3.5	1.5	1.5						2.5			3.5	2		1.5			0.5	1					1.8
Mount Wilson				2						2	3				2		3	4			2	3	4		2	1						2.5
Tashkent (Sp.-heliosc.)										1		2				2																—
Zurich „						1			3.5	2	2	2										3	3	2.5		1				2.5		2.3
Mean		2	2	2.5	2.3	1	1.2	1.4	3.7	1.9	2.1	2.2	1.5	0.5	1.5	1.7	2.2	3	2.5	2.5	1.7	2.3	2.6	2.2	1.5	0.6	0.7	2	2	2.2	1	1.9
February																																
Arcetri/Firenze			3													3.5				4			1.5	1.5								2.7
Evershed/Ewhurst	4					0				1		1								3	3		1									1.9
Kodaikanal	2	1	2	1	2	2	0	1	1	1	1	1	4	4	4	4	3	2	2	3	3	3	2	1	1		1	1				2.0
Meudon/Paris	1.5		1.5			1			0.5			2.5					2.5				2.5		3					1.5				1.8
Mount Wilson	2		2	2			1	1	1							3	3	4	3	3	3	2	1	2		1	2	2				2.1
Tashkent (Sp.-heliosc.)					1				1.5	1						3	3						0.5									1.7
Zurich „				1.5				0.5						4			3									1.5	1					1.9
Mean	2.4	1	2.1	1.5	1.5	1	0.5	0.8	1	1	1	1.5	4	4	4	3.4	2.9	3	2.5	3.2	2.9	2.5	1.5	1.5	1	1.2	1.3	1.5				2.0
March																																
Arcetri/Firenze																																—
Evershed/Ewhurst										1		1			2									2	2	2	3	3				2.0
Kodaikanal	1	1	2	0	2		1	0	0	0	1	1	1	1		2	2	3	2	2	1	3	3	2	3	1	2	4	1	0	0	1.4
Meudon/Paris		2	1			0.5				1.5			1		2	2.5	1.5	2.5	1	1	1.5					1.5	2.5	2.5	1.5	1	0.5	1.5
Mount Wilson	2	2	1	1	2		2	1	1	3									3	3	3		4					5	1	1	2	2.2
Tashkent (Sp.-heliosc.)	2								1.5	1.5			2	1.5		2	3	3	2	3												2.2
Zurich „		2			2	1	1	1	0?							2.5							3				3	3	1.5			1.8
Mean	1.7	1.8	1.3	0.5	2	0.8	1.3	0.7	0.6	1.4	1	1	1.3	1.2	2	2.2	2.2	2.8	2	2.2	1.8	3	3.3	2	2.5	1.5	2.6	3.5	1.2	0.7	0.8	1.7

Character Figures for dark H α-Flocculi.

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Whole Sun Disc

1937

Observatory	April 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze		3			2															2		3	3.5			3						2.8
Evershed/Ewhurst	3			2							2								2.5		3		4		4.5	4.5	4.5					3.3
Kodaikanal	4	4	4	4	3	3	2	3	4	3	3	4	3	3	3				3	2	4	4	4	4	4	5	5	5	5	5		3.7
Meudon/Paris	3.5		2.5	2.5	2.5	2			2		2.5	1.5				2.5	2.5	2.5	2.5		3			3.5	3.5	3.5		4	4	4		2.9
Mount Wilson	4			3	3	3	3	3	3	2	2	2	2	3			2	3	3	3	4	3	4	4	4	4	5		5	5		3.3
Tashkent (Sp.-heliosc.)					3																2.5								4	3.5		3.2
Zurich „	3.5				2.5	2.5	2	3			2.5	3				3	2.5		3					3.5	4			4	4	4		3.1
Mean	3.6	3.5	3.2	2.9	2.7	2.6	2.3	3.0	3.0	2.5	2.4	2.6	2.5	3.0	3.0	2.8	2.3	2.8	2.8	2.3	3.3	3.3	3.9	3.8	4.0	4.0	4.8	4.3	4.4	4.3		3.2

May

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze							2	3		3				3.5	2.5	3			2				2	2.5	3.5			3.5	3.5	3.5		2.9
Evershed/Ewhurst	4		2	2	2						4			4			4							4	4		4	4				3.5
Kodaikanal	4	4	3	2	2	2	3	4	4		5	5	5	5	4	4	3	3	2	3	3	3	2	2	3	2	2	3	3	2	2	3.1
Meudon/Paris	3.5	3	2	2	2.5	2.5			3.5		4		3.5		2.5					3.5	3.5	4	3.5	3	3	3	2.5	2.5	2.5	2	2	2.9
Mount Wilson	4	4	3	2	2	2	3	3	4	4	4	4	4	4	3	4	4	3		3	3		3	3		3	3	4	3	3	3	3.3
Tashkent (Sp.-heliosc.)	4	3												3		3.5	3	2.5	3	3.5	4.5	2.5	4		4.5			2.5		3	2	3.2
Zurich „	4	3.5	2			2.5	3	3	3	4		3.5		4		3	4			3		3	3	2.5	3	3	3	3.5	3	3	2.5	3.1
Mean	3.9	3.5	2.4	2.0	2.1	2.2	2.8	3.2	3.6	3.7	4.2	4.2	4.2	3.9	3.0	3.5	3.6	2.8	2.3	3.2	3.5	3.1	2.9	2.8	3.5	2.8	2.9	3.3	3.0	2.8	2.3	3.1

June

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze									3.5			3		3			2.5					3.5			3	2.5	2.5					2.9
Evershed/Ewhurst	3				3	3	3		3				2				2		4	4	3.5	3.5	4				4	3				3.2
Kodaikanal	1	2	2	2	2	2	3	3	3	3	3				1	1	1	3		2	3					2	3	2	3	3		2.3
Meudon/Paris	2	2	2.5	2	2.5	2.5	2.5	2.5			2.5	2.5	2.5	2	2.5	2.5	2.5	2.5	2.5		3	3	3		2.5	2.5	2.5	2		3		2.5
Mount Wilson	3	3	3	3	3	3	3	4	3	3	3	3	3		3	3	3	3	3	3	3	4	4	4	3	3	4		3	4		3.2
Tashkent (Sp.-heliosc.)	2.5	2.5	3	2.5					3	2.5	2	2.5	3	2.5	2		2	2.5					3	2.5				2	2.5	3.5		2.6
Zurich „		2	2.5	2.5	2.5		2.5	3	3	3	3	2.5	3		2.5		3	3	3			3.5	3.5	3		3	3					2.9
Mean	2.3	2.3	2.6	2.4	2.6	2.6	2.8	3.1	3.1	2.9	2.7	2.7	2.7	2.5	2.2	2.2	2.3	2.8	3.1	3.0	3.1	3.5	3.5	3.2	2.8	2.6	3.2	2.2	2.8	3.4		2.8

Central Zone

April

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze		1.5			1															2.5		1	2			2						1.7
Evershed/Ewhurst	1			2							1								1		2		3		3	3	3					2.1
Kodaikanal	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1				4	3	2	3	1	4	4	4	4	2	4	3		2.0
Meudon/Paris	0.5		1	1	1	0.5			0.5		1.5	1				0.5	0.5	1	1.5		0.5			3 5	3	3		1.5	1.5	2		1.3
Mount Wilson	1			3	1	1	1	1	1	2	2	2	1	1			1	2	3	2	3	2	3	3	4	4	4		3	3		2.2
Tashkent (Sp.-heliosc.)					1																1								2.5	3		1.9
Zurich „	1				1	0.5	0.5	0.5			1	2.5				0.5	0.5		2.5					3	3.5			2.5	3	2		1.6
Mean	0.9	1.8	1.0	1.8	1.0	0.8	0.8	0.8	0.8	1.5	1.3	1.9	1.0	1.0	1.0	0.5	0.7	1.5	2.4	2.5	1.7	2.0	2.2	3.4	3.5	3.2	3.7	2.0	2.8	2.6		1.7

May

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze							1	1		0				2	0	2			2				0	2	2.5			2.5	2.5	2.5		1.5
Evershed/Ewhurst	2		1	1	0						1			1			1							2	3		3	3				1.6
Kodaikanal	3	3	1	1	3	1	1	1	1		1	1	1	1	1	1	1	4	1	1	1	1	1	1	3	1	3	2	3	2	1	1.6
Meudon/Paris	3	2.5	1	2	1.5	1			1		1		0.5		0.5					2.5	1.5	1	1	1	2	2	1.5	1.5	2	1.5	0	1.4
Mount Wilson	4	3	2	3	2	2	1	1	2	0	1	2	1	3	2	2	2	3		3	2		2	2		3	2	4	3	2	2	2.2
Tashkent (Sp.-heliosc.)	2	1.5												1		2	1.5	1.5	3	2	2	1	1.5		3			2		1.5	2	1.8
Zurich „	3	3	2			1	1	1.5	1.5	0.5		1		2.5		1	2.5			2.5		1	1	1.5	3	3	2.5	3	3	2	1	1.9
Mean	2.8	2.6	1.4	1.8	1.6	1.2	1.0	1.1	1.4	0.2	1.0	1.3	0.8	1.8	0.9	1.6	1.6	2.8	2.0	2.2	1.6	1.0	1.1	1.0	2.8	2.2	2.4	2.6	2.7	1.9	1.2	1.7

June

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze									2			1.5		2.5			2					1			3	3	2.5					2.2
Evershed/Ewhurst	1				0	1	2		1				1				1		3	2	1	0	2				3	2				1.4
Kodaikanal	1	1	1	1	1	1	3	3	2	1	1				1	2	3	1		2	1					1	1	1	1	1		1.4
Meudon/Paris	0.5	1	0.5	1	0	1.5	1.5	1.5			1	1.5	1.5	1.5	1.5	2	1.5	1.5	2		1.5	1	1		2	2.5	1.5	1		1		1.3
Mount Wilson	2	2	2	2	2	3	3	3	3	2	1	2	2		2	3	3	3	3	3	1	1	3	4	4	3	4		2	2		2.5
Tashkent (Sp.-heliosc.)	1	1	1.5	2					1	1.5	0.5	1.5	1.5	2	1.5		2	1.5					3	1.5				1	1.5	1.5		1.5
Zurich „		0	2	1.5	1		2.5	2	2	1.5	0.5	1.5	2.5		2		3	2	3			2.5	1.5	3		3	2.5					2.0
Mean	1.1	1.0	1.4	1.5	0.8	1.6	2.4	2.4	1.8	1.5	0.8	1.6	1.7	2.0	1.8	2.3	2.2	1.8	2.8	2.3	1.1	1.1	2.1	2.8	3.0	2.5	2.4	1.2	1.5	1.4		1.8

Character Figures for dark H α-Flocculi.

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Whole Sun Disc

1937

July

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze	4	3.5	3		3	3.5		3.5				3	2.5	3	3					2			2	2.5				2	2			2.8
Evershed/Ewhurst			3					3		3	3					2				3				3	3.5			3		3		3.0
Kodaikanal				3	3	3		3				3			3										3	3			2	2	3	2.8
Meudon/Paris	4	4	4		3		3.5	3	3		3			2.5		2.5	2.5	2.5	2.5	2	1.5	1.5	2		3	2.5	2	2	2.5	2.5	2.5	2.7
Mount Wilson	3	3		4	4	3	3	4	4	3	3	4	3	4	4	4	3	3	3	3		3	3	4	4		3	3			3	3.4
Tashkent (Sp.-heliosc.)	3.5	4	4	4	3.5	3	3	3		3	2.5	2	2	1.5	2	1.5	2	1.5	2	2.5		1.5	2	2.5	2.5	3	3	2	2	2	2.5	2.5
Zurich „	3.5	3.5	3.5		3.5	3.5	3.5	3.5	3.5					2.5	2.5				3	2.5	1.5		2.5	3	3	2.5	3		2.5	3		3.0
Mean	3.6	3.6	3.5	3.7	3.3	3.2	3.2	3.3	3.5	3.0	2.9	3.0	2.5	2.7	2.9	2.5	2.5	2.3	2.6	2.5	1.5	2.0	2.3	3.0	3.2	2.8	2.8	2.4	2.2	2.5	2.8	2.8

August

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze			3	3	2.5	2					2	2	1.5				3	2	3.5	2.5			2	1	1.5	2	2					2.2
Evershed/Ewhurst	3	3	4	4		4	4	4	4								5		4	3		2	2	2						4		3.5
Kodaikanal	3	2		3	2	1			3		2	2	1	1	1	2	2		1	2	2	2	2	2	2	1	2			2		1.9
Meudon/Paris	2.5	2.5	2.5	2.5	2	2.5	2.5	3	3	2	2.5	2	2		3	3	3.5		3		2	2	2	1.5	1	1	1.5	2	2.5	2.5	3	2.3
Mount Wilson	3	3		3		3	3	4	3	3	4	3	3	3	3	4	4	4	4		3	3	3	3	2	3	3	3	4	4	4	3.3
Tashkent (Sp.-heliosc.)		2	2	2	2	2	2	2.5	2	2		2	1.5	2.5	2.5		4	2.5	3	2.5	2.5	2		1.5	1	1.5	1.5	1.5		2.5	2.5	2.1
Zurich „		3	3.5	3.5	3	3.5	3.5	4	4	3	3.5	2.5		2.5		3		3	3.5						2.5	2.5		2.5	2.5			3.1
Mean	2.9	2.6	3.0	3.0	2.3	2.6	3.0	3.5	3.2	2.5	2.8	2.2	1.8	2.2	2.4	3.0	3.6	2.9	3.1	2.5	2.4	2.2	2.2	1.8	1.7	1.8	2.0	2.2	3.0	3.0	3.2	2.6

September

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze		2.5	2.5	2.5		3	2.5	3					2												2.5							2.6
Evershed/Ewhurst				4														2			2		3	2.5					3			2.8
Kodaikanal			1	2	2	2	2	2	3	2	2	1	1	1	1		1	1	2	2	1	2	2	1	2		2					1.7
Meudon/Paris	3	3	3	3	3	3	3	3		2.5		2		2			2		2	2	2	2	2.5	2	2.5	2.5	2.5	2.5		3		2.5
Mount Wilson	4	4		3	4	4	4	4	4	3	3	3	2	3	2	2	2	2	2			3	3	3	3	3	3	3	3	3	4	3.1
Tashkent (Sp.-heliosc.)	2		2	2		2	2	2		2.5	2	2	1.5	1.5	1.5	1	2	1.5	1	1.5		1.5	1.5	2	2	2	1.5	2	2	2.5		1.8
Zurich „	3.5	3	3	3		3	3.5	3.5	3									2							2.5	3	3		3	3		3.0
Mean	3.1	3.1	2.3	2.8	3.0	2.8	2.8	2.9	3.3	2.5	2.3	2.0	1.6	1.9	1.5	1.5	1.8	1.7	1.8	1.8	1.7	2.1	2.4	2.1	2.4	2.6	2.4	2.5	2.8	3.1		2.4

Central Zone

July

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze	1	2.5	2		1.5	2		3				1	1	1	1.5					1			1.5	2.5				1	1.5			1.6
Evershed/Ewhurst			1					2		1	2					2				2				3	3			1		2		1.9
Kodaikanal				3	0	0		3				3			1										2	2			1	1	1	1.5
Meudon/Paris	0.5	1	1		0.5		1	1.5	1		1.5			1		1	1.5	2	1.5	1	1	1	1		2	1	1	0.5	1	0.5	1	1.1
Mount Wilson	2	2		2	1	2	2	3	3	2	2	3	2	3	3	3	2	2	2	3		2	3	4	3		1	1			2	2.3
Tashkent (Sp.-heliosc.)	1	2	1	2	2	1.5	1.5	2.5		3	2	1.5	0.5	0.5	0.5	0.5	1	1	0.5	1		0.5	1	1.5	2.5	2.5	2	0.5	1	1.5	1.5	1.4
Zurich „	1.5	1.5	1.5		0.5	1.5	1.5	1.5	1					1	2				2	1	1		1.5	3	3	1.5	1		1	1		1.5
Mean	1.2	1.8	1.3	2.3	0.9	1.4	1.5	2.4	1.7	2.0	1.9	2.1	1.2	1.3	1.6	1.6	1.5	1.7	1.5	1.5	1.0	1.2	1.6	2.8	2.6	1.8	1.2	0.8	1.1	1.2	1.4	1.6

August

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze			1	1.5	0.5	1.5					2	2	0.5				2	2	2.5	2			1	0.5	0.5	0.5	0.5					1.3
Evershed/Ewhurst	1	1	2	3		3	4	4	4								3		2	2		1	1	1						1		2.2
Kodaikanal	1	1		1	1	1			2		1	1	1	1	1	1	1		1	1	1	1	1	0	1	0	1			2		1.0
Meudon/Paris	1	0.5	1	1	1.5	2.5	3	3	1	1.5	1	1	0.5		1	1	2.5		1.5		1	0.5	0.5	0.5	0	0	0.5	1.5	1.5	1	2	1.2
Mount Wilson	3	2		2		3	4	5	3	3	2	3	2	2	2	2	3	3	3		3	1	1	1	1	2	2	2	3	3	3	2.5
Tashkent (Sp.-heliosc.)		0.5	1.5	1.5	2	1.5	2	2.5	2	1.5		1	1	1.5	1		1.5	1.5	1	1	2	0.5		0.5	0	0.5	0.5	1		1	1.5	1.2
Zurich „		1	1.5	2	2	3	3.5	4	3.5	2.5	2	2		1		1.5		3	2.5						0.5	1		2	2			2.1
Mean	1.5	1.0	1.4	1.7	1.4	2.2	3.3	3.7	2.6	2.1	1.6	1.7	1.0	1.4	1.2	1.4	2.2	2.4	1.9	1.5	1.8	0.8	0.9	0.6	0.5	0.7	0.9	1.6	2.2	1.6	2.2	1.6

September

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze		2.5	1.5	1.5		2.5	2	1.5					2												2							1.9
Evershed/Ewhurst				1														0			1		2	2					1			1.2
Kodaikanal			1	1	2	1	2	1	1	1	1	1	1	1	1		1	0	0	1	1	1	3	1	1		1					1.1
Meudon/Paris	3	3	2	1	3	2.5	2.5	1		1		1		1			0		0.5	0.5	1	1	2	1	1	1	2.5	1		0.5		1.4
Mount Wilson	4	4		1	3	3	4	2	2	3	3	2	3	3	2	2	1	0	1			2	2	2	2	2	3	2	1	1		2.2
Tashkent (Sp.-heliosc.)	2		2	1		1	1	1.5		2.5	1	1	1	1	0.5	0.5	0.5	0	0	0.5		1	1	0.5	1.5	1	1	1	1	1.5		1.0
Zurich „	3	3	2	1.5		2.5	3	1.5	0.5									0							1	1	2		1	0.5		1.6
Mean	3.0	3.1	1.7	1.1	2.7	2.1	2.4	1.4	1.2	1.9	1.7	1.2	1.8	1.5	1.2	1.2	0.6	0.0	0.4	0.7	1.0	1.2	2.0	1.3	1.4	1.2	1.9	1.3	1.0	0.9		1.5

Character Figures for dark H α-Flocculi.

The character figures are assigned on the scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity, 0 representing absence or rarity, 5 extreme abundance and intensity of the flocculi. As central zone a circular surface of a semi-diameter of the sun's disc has been taken.

Whole Sun Disc

1937

October

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze	4											2.5	1.5							3.5						3.5						3.0
Evershed/Ewhurst	3			3.5					3							2				3		3						2				2.8
Kodaikanal				3	3	4	4			3	3	2	1	1	1	1	2	1		2		2	2		3	2	2	2	2	2	2	2.2
Meudon/Paris	3			3	3					2.5	2.5		1			1	1	1.5		3	2.5	2		2.5					3			2.3
Mount Wilson	3			3	3	3	4	4	3	3	2	2	1			1	1	1	2	2	2	3	3	3	3			3	3	4		2.6
Tashkent (Sp.-heliosc.)	3.5		3	3			3.5		2	2	2.5	2	2	2	2	2.5	2	1.5	2	2.5					2.5	2.5	3	2.5		3	3.5	2.5
Zurich "	3	3	3							3	3	3	2.5			2.5	2.5	2	2.5	2.5										3.5	3	2.8
Mean	3.2	3.0	3.0	3.1	3.0	3.5	3.8	4.0	2.7	2.7	2.6	2.3	1.5	1.5	1.5	1.7	1.7	1.4	2.2	2.6	2.2	2.5	2.5	2.8	2.8	2.7	2.5	2.4	2.7	3.1	2.8	2.6

November

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze				4.5	3.5							2			2.5	2.5																3.0
Evershed/Ewhurst		3	3																2		3				2.5	2.5		2				2.6
Kodaikanal						3	3	3		1	2		1				3	3	3	3		3	3	3						3		2.6
Meudon/Paris		3		3	3		3			1.5	1			1.5	2	2			3	3			3	3.5	3.5	3		2.5	3	3		2.6
Mount Wilson	4	4	4	4	4		4	3	3			2	2	2	2	3		3		3	4	3	4			3	3	4	4	5		3.3
Tashkent (Sp.-heliosc.)	2.5			3.5	3					2	1.5	1					2.5	2.5	3		3.5	2.5	3	2.5		2.5	3	3		3		2.6
Zurich "						3	3				1	2	2	2.5	2	2.5				3						3	3.5	3.5	3.5	3.5		2.7
Mean	3.2	3.3	3.5	3.8	3.4	3.0	3.2	3.0	2.0	1.5	1.4	1.8	1.7	2.0	2.1	2.5	2.8	2.8	2.8	3.0	3.5	2.8	3.2	3.0	3.0	2.8	3.2	3.0	3.5	3.5		2.8

December

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze																					4.5		4			4						—
Evershed/Ewhurst					2	2																										—
Kodaikanal	3	4	4	3	4	3	3	2	2	3	3	3	2	2	2	2	2	2	2		4	4	3	3		3	3	3	3	2	2	2.8
Meudon/Paris		4				2						2.5						2.5									3			2.5	2.5	2.7
Mount Wilson				4	4	3	2						2	2		2	3	4				5		4	4		3	3	3	3		3.2
Tashkent (Sp.-heliosc.)	4	3.5				2.5	2.5	2		2.5		2.5		2.5								3.5				3	3.5					2.9
Zurich "										2.5	3		3						3		4.5						3				3	3.1
Mean	3.5	3.8	4.0	3.5	3.3	2.5	2.5	2.0	2.0	2.7	3.0	2.7	2.3	2.2	2.0	2.0	2.5	2.8	2.5		4.3	4.2	3.5	3.5	4.0	3.3	3.1	3.0	3.0	2.5	2.5	3.0

Central Zone

October

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze	2.5											3.5	1.5							1						1						1.9
Evershed/Ewhurst	2			2					2							1				0		2						1				1.4
Kodaikanal				1	1	1	1			1	2	2	1	1	1	1	2	1		0		1	2		3	0	0	1	1	1	0	1.1
Meudon/Paris	1			2	1					1	1		0.5			0.5	1	0.5		0	0	1		1					1			0.8
Mount Wilson	1			2	2	2	2	3	1	2	3	1	1			1	1	1	1	1	1	2	2	3	3			1	2	2		1.7
Tashkent (Sp.-heliosc.)	1		1	1			1		1	1	2.5	2	1	0.5	0.5	1	1	0.5	1	0.5					1	1	0.5	1.5		1	2.5	1.1
Zurich "	1	1	2							2	2.5	2.5	1.5			1	2	1	0.5	0.5										2.5	1.5	1.5
Mean	1.4	1.0	1.5	1.6	1.3	1.5	1.3	3.0	1.3	1.4	2.2	2.2	1.1	0.8	0.8	0.9	1.4	0.8	0.8	0.4	0.5	1.5	2.0	2.0	2.3	0.7	0.2	1.1	1.3	1.6	1.3	1.3

November

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze				2.5	1							1.5			2	1																1.6
Evershed/Ewhurst		2	2																0		1				1	0		2				1.1
Kodaikanal						3	1	1		1	1		1				1	1	1	1		1	0	1						1		1.1
Meudon/Paris		1		1.5	1.5		0.5			1	1			0.5	1	0.5			0	0.5			1	2	1.5	0		2.5	2.5	3		1.2
Mount Wilson	3	1	2	3	3		2	1	2			2	2	1	1	1		1		2	3	2	3			2	2	3	3	4		2.1
Tashkent (Sp.-heliosc.)	1.5			2	1.5					1	1	0					0.5	1.5	1.5		1	1	1.5	1.5		1	1.5	2.5		2.5		1.4
Zurich "						2.5	1.5				1	2.5	1.5	1.5	1	2				1.5						1	2	3	2.5	3.5		1.9
Mean	2.2	1.0	2.0	2.2	1.8	2.8	1.2	1.0	2.0	1.0	1.0	1.5	1.5	1.0	1.2	1.1	0.8	1.2	0.6	1.2	1.7	1.3	1.4	1.5	1.2	0.8	1.8	2.6	2.7	2.8		1.5

December

Observatory	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Arcetri/Firenze																					1.5		1.5			2.5						—
Evershed/Ewhurst					0	1																										—
Kodaikanal	3	3	1	2	0	1	0	1	1	1	0	4	3	0	1	2	1	1	1		0	2	2	3		2	2	1	3	3	3	1.6
Meudon/Paris		1				0						1.5						1.5									2			2.5	1.5	1.4
Mount Wilson				1	1	1	1						1	1		3	3	4				2		4	4		2	2	3	3		2.2
Tashkent (Sp.-heliosc.)	3	3				1	1	0.5		1		2.5		0								2				3	2					1.7
Zurich "										1	0.5		2.5						2.5		2						2				3	1.9
Mean	3.0	2.3	1.0	1.5	0.3	0.8	0.7	0.8	1.0	1.0	0.2	2.7	2.2	0.3	1.0	2.5	2.0	2.2	1.8		1.2	2.0	1.8	3.5	4.0	2.5	2.0	1.5	3.0	2.8	2.5	1.8